3W DC-DC Regulated Single and Dual Output

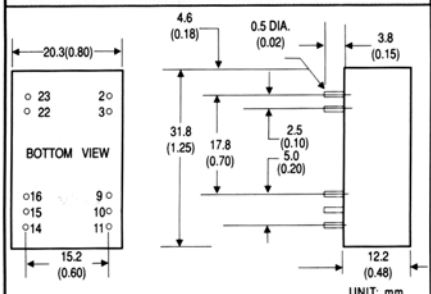
Features

NEW

- 2:1 wide input range
- Input Pi network filter
- 1000VDC I/O isolation
- Short circuit protection
- 100% burn-in test
- Free air convection
- High performace/ low price
- 1 year warranty

1.25" ×0.8" ×0.48"

Mechanism



Pin configuration

Pin no.	Output	
	Single	Dual
2 & 3	– Vin	– Vin
9	N.C.	COM
10 & 15	N.C.	N.C.
11	N.C.	– Vout
14	+ Vout	+ Vout
16	GROUND	COM
22 & 23	+ Vin	+ Vin

Specifications

Voltage set point accuracy..... ± 2% (MAX.)
Line regulation.....0.5% (MAX.)
Load regulation.....single ±1%
dual ±2% (20%~full load)
Efficiency.....76%
I/O isolation voltage.....1000VDC MIN.
I/O isolation resistance.....100MΩ MIN.
Isolation capacitance.....80 pF (MAX.)
Operating temperature.....–15℃ to +60℃ (no derating)
Storage temperature.....–25℃ to +85℃
Temp. coefficient.....±0.03%/ ℃
Case material.....five-sided shield metal case

❖Single output

Stock No	Type No	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)	P.P.
	SCW03A-05	9~18	5	600	100	24
	SCW03A-12	9~18	12	250	100	24
	SCW03A-15	9~18	15	200	100	24
	SCW03B-05	18~36	5	600	100	24
	SCW03B-12	18~36	12	250	100	24
	SCW03B-15	18~36	15	200	100	24
	SCW03C-05	36~72	5	600	100	24
	SCW03C-12	36~72	12	250	100	24
	SCW03C-15	36~72	15	200	100	24

❖Dual output

Stock No	Type No	Input (VDC)	Output (VDC)	Current (mA)	R&N (mVp-p)	P.P.
	DCW03A-05	9~18	± 5	±300	100	26
	DCW03A-12	9~18	±12	±125	100	26
	DCW03A-15	9~18	±15	±100	100	26
	DCW03B-05	18~36	± 5	±300	100	26
	DCW03B-12	18~36	±12	±125	100	26
	DCW03B-15	18~36	±15	±100	100	26
	DCW03C-05	36~72	± 5	±300	100	26
	DCW03C-12	36~72	±12	±125	100	26
	DCW03C-15	36~72	±15	±100	100	26

Who can provide you better services and
be a trustworthy partner in Power products?
-----"**POWERNEX**" tries to be.-----